

Leica Viva TS15

The Fastest Imaging Total Station



Your Vision: Images that tell the Survey Story

Welcome to Leica Viva TS15 It doesn't get Clearer

With Leica Viva TS15, productivity and documentation rise to the next level with imaging. Realize your visions today and tomorrow.

Interface to
Leica SmartStation



Flexible
data exchange



SmartWorx Viva
Simply productive
Software



Integrated digital
5Mpixel camera



Sketch



Link
Feature



Same layout
as CS controller



4x Fit for use

1

Capture



With a single button press, capture a high-resolution image of exactly what the total station sees, or even capture any screen shown on the display.
Your benefit – optimized productivity with exact photo documentation of site conditions to avoid paper field-notes & costly re-visits.

2

Sketch



Any new or captured image can be enhanced through sketching with any colour, line style and width to uniquely transfer valuable information.
Your benefit – never again loose field-notes or struggle with drawing on wet paper.

3

Link



After capturing and sketching, the annotated images can be linked to any object of interest (point, line, area) or simply stored with a time stamp.
Your benefit – know exactly where images belong and archive them together with measurement data.

4

SmartWorx Viva



Leica SmartWorx Viva brings ease-of-use to a new level. Use SmartWorx Viva directly on the total station, or on the ergonomic controller.
Your benefit – start working immediately and comfortably, let SmartWorx Viva adapt to your crew and jobs today and tomorrow.

... let us inspire you



Your Vision: Simplicity in the Field

Welcome to Leica Viva TS15 It doesn't get Easier

With Leica Viva TS15 complete every project easier and faster than ever before. Realize your visions today and tomorrow.


- Integrated mobile Broadband 
- Intenna technology 
- Total Station Radio 
- Integrated digital 2Mpixel camera 

SmartWorx Viva
Simply productive Software 

Universal Viva
Dockingstation




SD/CF-Card, USB,
WLAN, Bluetooth® 

Simple in 4 ways

1 Choose 

- With the largest portfolio of total station models, data collectors and software options, choose a solution that best fits your budget
- At any time, adapt your choice to master the growing diversity of challenges

Your benefit – the best choice to conquer every challenge.

2 Connect   

- Instant equipment setup with the unique "Snap&Go" connection system to start work immediately
- Long-range, secure and fast wireless connectivity to your total station with fully integrated Intenna technology
- Share data and browse the internet with GSM, GPRS, UMTS and wireless LAN connectivity

Your benefit – unmatched efficiency with continuous connectivity.

3 Collect    

- Collect & stake easily with familiar and intuitive Windows-based software with 3D graphics and wizards for step-by-step guidance to minimize training
- Instantly view collected data on a brilliant high resolution color VGA screen for superior quality control in the field
- Accurately collect and enhance field documentation through sketching on images from integrated 2Mpixel camera and linking to any object of interest

Your benefit – collect, stake & document simply and productively.

4 Combine  

- Conveniently combine data in the field or office via wireless LAN, USB, Bluetooth® wireless technology, 3.5G Mobile Phone and CF/SD-cards
- Seamlessly combine multiple field sessions in Leica Geo Office and any 3rd party software with unlimited flexibility
- Combine secure and fast data transfer and battery charging with the Universal Viva Docking Station

Your benefit – minimum turnaround time converting design into reality.



... let us inspire you



Your Vision: a Fast Total Station

Welcome to Leica Viva TS15 It doesn't get Quicker

With Leica Viva TS15 complete every project easier and faster than ever before. Realize your visions today and tomorrow.



Your Vision: a System to Grow with

Welcome to Leica Viva Series You won't find a more complete System

With Leica Viva you have a comprehensive system. Every vision on every scale becomes a reality with ease. Realize your visions today and tomorrow.

We Care about You

Active on-line Information 

Active Customer Care (ACC) provides all information at your finger tips 24/7. With myWorld you can update firmware & software, purchase application software, access service and support status & history and conduct on-line training - all easily and instantly.
Your benefit - save time and money having access to your information when you need it.

Active Technical Service

With ACC expect unsurpassed technical service with a world-wide network of experienced technicians and workshops.
Your benefit - in case of instrument repair or maintenance, keep working with a replacement instrument and your equipment will be hastily returned in prime condition.

Active Customer Training 

ACC has a complete portfolio of training solutions delivered by industry experts. Training can be conducted on-line, in a classroom or one-on-one.
Your benefit - learn how to get the most from your equipment at your own pace and convenience.

Active Customer Support

ACC uses an responsive organization of knowledgeable professionals to provide valuable support if ever needed.
Your benefit - minimize down-time by always having an expert available to guide you back to full productivity.



Leica Viva is truly Complete

Viva Controllers & Software

Leica Viva contains a unique portfolio of seamlessly connected field controllers. With a complete range of easy-to-use software your work can start immediately and be finished faster than ever before.
Your benefit - simply select your perfect controller and software for unrivaled efficiency.

Viva GNSS

Leica Viva GNSS is a complete range of versatile GNSS solutions for you. From completely integrated to totally modular solutions, Viva GNSS provides a system to master all of your lines.
Your benefit - simply select the ideal GNSS solution for today and tomorrow.

Viva TPS

Leica Viva TPS is the fastest imaging total station. With a complete portfolio of models, Leica Viva TPS is the only one-person surveying, unmatched EDM performance and new level of ease-of-use, you'll always feel your ideal total station.
Your benefit - just choose the best total station to finish jobs faster.

Viva GNSS & TPS

Leica Viva provides a complete range of GNSS and TPS solutions. With the Leica SmartStation and the versatile SmartPole, fewer set-ups are required, fewer control points are needed and your flexibility is maximized.
Your benefit - complete surveys faster with far greater flexibility.



... let us inspire you 



4x Best-in-class

- 1 Best-in-class One-person Surveying**

Leica Viva TS15 uses years of experience to optimally find, lock and measure to prisms with a single key press. With the unique PowerSearch sensor any prism type is found within seconds regardless of location.
Your benefit - the fastest one-person total station in its class.
- 2 Best-in-class Electronic Distance Measurement**

Leica Viva TS15 with PinPoint EDM delivers the optimal balance of range, accuracy, reliability, beam visibility, laser dot size and measurement time.
Your benefit - the most reliable and accurate EDM available.
- 3 Best-in-class Tap, Turn & Measure**

With live streaming of the total station view, you always know what the total station sees. Simply tap on the display and the total station will turn and measure to the desired target, either a prism or any surface.
Your benefit - measure all points without returning to the total station.
- 4 Best-in-class Grid Scan**

Simply graphically define the area to be scanned directly on the total station view. The total station will then scan the object to rapidly measure a true grid with survey accuracy.
Your benefit - save time by measuring exactly what you need.

... let us inspire you



Whether you want to stake-out an object on a construction site or you need accurate measurements of a tunnel or a bridge; whether you want to determine the area of a parcel of land or need the position of a power pole or to capture objects for as-built maps - you need reliable and precise data.

Leica Viva combines a wide range of innovative products designed to meet the daily challenges for all positioning tasks. The simple yet powerful and versatile Leica Viva hardware and software innovations are redefining state-of-the-art technology to deliver maximum performance and productivity. Leica Viva gives you the inspiration to make your ambitious visions come true.

When it has to be right.

Swiss Technology
by Leica Geosystems



Total Quality Management - our commitment to total customer satisfaction.

Distance meter (Prism), ATR and PowerSearch:
Laser class 1 in accordance with IEC 60825-1 resp. EN 60825-1

Laser plummet:
Laser class 2 in accordance with IEC 60825-1 resp. EN 60825-1

Distance meter (Non-Prism):
Laser class 3R in accordance with IEC 60825-1 resp. EN 60825-1

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Leica Viva
Overview brochure



Leica Viva GNSS
Product brochure



Leica SmartWorx Viva
Product brochure



Leica Viva LGO
Product brochure



Leica Viva Uno
Product brochure

Leica Geosystems AG
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www.leica-geosystems.com

- when it has to be **right**

